



Attorney's Do. No. 2705-48

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHOD AND APPARATUS FOR AUTOMATIC ROUTING OF CIRCUIT SWITCHED DATA CONNECTIONS BASED UPON STORED BEHAVIORAL INFORMATION, the specification of which:

- ☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_  
☐ and was amended on \_\_\_\_\_ (if applicable)  
☐ with amendments through \_\_\_\_\_ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

(Number)	(Country)	(Day/Month/Year Filed)	Priority Claimed	
			<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, Sec. 119(e) of any United States provisional application listed below:

Provisional Application No.

Filing Date

I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Applic. Serial No.)

(Filing Date)

(Status) (patented,  
pending, abandoned)

I hereby appoint the following attorneys to prosecute this application, to file a corresponding international application, to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Customer No. 20575

Attorney Name

Registration No.

Jerome S. Marger	26,480
Alexander C. Johnson, Jr.	29,396
Alan T. McCollom	28,881
Glenn C. Brown	34,555
Stephen S. Ford	35,139
Scott A. Schaffer	38,610
Joseph S. Makuch	39,286
James E. Harris	40,013
Vernon W. Francissen	41,762
Graciela G. Cowger	42,444
Ariel Rogson	43,054

Direct all telephone calls to Stephen S. Ford at (503) 222-3613 and send all correspondence to:

Stephen S. Ford  
Marger, Johnson & McCollom, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first co-inventor: R. Ashby Armistead

Inventor's signature R. Ashby Armistead 12-11-98  
(Date)

Residence: Los Altos, California  
Citizenship: United States  
Post Office address: 28 Los Altos Avenue  
Los Altos, California 94022

Full name of second co-inventor: Robert L. Sargent

Inventor's signature \_\_\_\_\_  
(Date)

Residence: Knoxville, Tennessee  
Citizenship: United States  
Post Office address: 609 Glen Willow Drive  
Knoxville, Tennessee 37922

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Full name of first co-inventor: R. Ashby Armistead


Inventor's signature \_\_\_\_\_ (Date) \_\_\_\_\_

Residence: Los Altos, California

Citizenship: United States

Post Office address: 28 Los Altos Avenue  
Los Altos, California 94022

Full name of second co-inventor: Robert L. Sargent

Inventor's signature  (Date) 4 Dec 1998

Residence: Knoxville, Tennessee

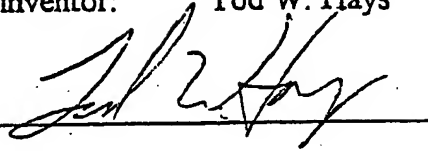
Citizenship: United States

Post Office address: 609 Glen Willow Drive  
Knoxville, Tennessee 37922

COPY

Full name of third co-inventor: Tod W. Hays

Inventor's signature



12-11-98  
(Date)

Residence: Austin, Texas

Citizenship: United States

Post Office address: 5907 Sierra Grande  
Austin, Texas 78759



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
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OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APRIL 19, 1999

PTAS

MARGER JOHNSON & MCCOLLOM, P.C.  
STEPHEN S. FORD  
1030 S.W. MORRISON STREET  
PORTLAND, OREGON 97205



\*100946360A\*

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UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/04/1999

REEL/FRAME: 9702/0834  
NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
ARMISTEAD, R. ASHBY

DOC DATE: 12/11/1998

ASSIGNOR:  
SARGENT, ROBERT L.

DOC DATE: 12/14/1998

ASSIGNOR:  
HAYS, TOD W.

DOC DATE: 12/11/1998

ASSIGNEE:  
CISCO TECHNOLOGY, INC.  
170 WEST TASMAN DRIVE  
SAN JOSE, CALIFORNIA 95134-1706

SERIAL NUMBER: 09225897  
PATENT NUMBER:

FILING DATE: 01/04/1999  
ISSUE DATE:

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ASSIGNMENT  
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9702/0834 PAGE 2

STEVEN POST, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

1-4.99

01-22-1999



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PATENTS ONLY  
Attorney's Do. No. 2705-48

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re patent application of: R. Ashby Armistead, Robert L. Sargent and Tod W. Hays

Serial No.: (filed herewith)

COPY OF ORIGINAL  
ASSIGNMENT  
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Filed: (filed herewith)

For: METHOD AND APPARATUS FOR AUTOMATIC ROUTING OF CIRCUIT  
SWITCHED DATA CONNECTIONS BASED UPON STORED  
BEHAVIORAL INFORMATION

Box Assignments  
Commissioner of Patents  
and Trademarks  
Washington, DC 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of parties conveying an interest:
  - (1) R. Ashby Armistead
  - (2) Robert L. Sargent
  - (3) Tod W. Hays
2. Name and address of party receiving an interest: Cisco Technology, Inc.  
170 West Tasman Drive  
San Jose, California 95134-1706
3. Description of the interest conveyed:

01/19/1999 TRADE 00000048 09225897  
03 FC:501 Other: 40.00 0P  
X Assignment Change of Name \_\_\_ Security Agreement \_\_\_ Merger

Date of execution of attached document:

- (1) December 11, 1998
- (2) December 14, 1998
- (3) December 11, 1998

4. Application number(s) or patent number(s). Additional sheet attached? Yes \_\_\_ No \_\_\_

If this document is being filed together with a new application, the execution date of the application is:

- (1) December 11, 1998
- (2) December 14, 1998
- (3) December 11, 1998

R. Patent No.



5. Name and address of party to whom correspondence concerning document should be mailed:


Stephen S. Ford  
MARGER JOHNSON & McCOLLOM, P.C.  
1030 S.W. Morrison Street  
Portland, Oregon 97205  
Telephone: (503) 222-3613

6. Number of applications and patents involved: one
7. Enclosed is our check for \$40.00
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Dated: January 4, 1999

Respectfully submitted,

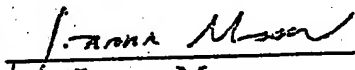
MARGER JOHNSON  
& McCOLLOM, P.C.

  
\_\_\_\_\_  
Stephen S. Ford  
Registration No. 35,139

Total number of pages comprising  
cover sheet and attached assignment: 11

I hereby certify that this correspondence is being  
deposited with the United States Postal Service  
addressed to: Box Patent Application, Assistant  
Commissioner for Patents, Washington DC 20231  
on January 4, 1999.

Signature

  
\_\_\_\_\_  
Joanna Mosser

ASSIGNMENT

Assignor: R. Ashby Armistead  
Address: 28 Los Altos Avenue  
Los Altos, California 94022

Assignor: Robert L. Sargent  
Address: 609 Glen Willow Drive  
Knoxville, Tennessee 37922

COPY OF ORIGINAL  
ASSIGNMENT  
DO NOT RECORD

Assignor: Tod W. Hays  
Address: 5907 Sierra Grande  
Austin, Texas 78759

Assignee: CISCO TECHNOLOGY, INC  
Address: 170 West Tasman Drive  
San Jose, California 95134-1706

Title of  
Invention: METHOD AND APPARATUS FOR AUTOMATIC ROUTING  
OF CIRCUIT SWITCHED DATA CONNECTIONS BASED UPON  
STORED BEHAVIORAL INFORMATION

U.S. Patent Application:

Application Serial No.: not yet known  
Filing Date: herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at Santa Clara, California, this 11<sup>th</sup> day of December, 1998.

R. Ashby Armistead

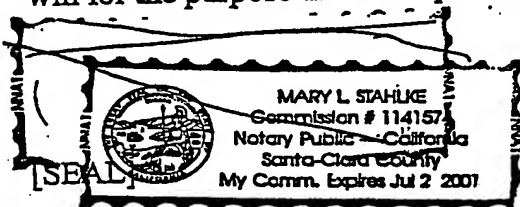
R. Ashby Armistead  
Assignor

STATE OF CALIFORNIA

County of Santa Clara

)  
) ss.  
)

Before me this 11<sup>th</sup> day of December, 1998, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Mary L. Stahlke

Notary Public for California

My commission expires: July 2, 2001

Executed at \_\_\_\_\_, Tennessee, this \_\_\_\_\_ day of December, 1998.

\_\_\_\_\_  
Robert L. Sargent  
Assignor

STATE OF TENNESSEE

County of \_\_\_\_\_

)  
) ss.  
)

Before me this \_\_\_\_\_ day of October, 1998, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

\_\_\_\_\_  
Notary Public for Tennessee  
My commission expires: \_\_\_\_\_

[SEAL]

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at \_\_\_\_\_, California, this \_\_\_\_\_ day of December, 1998.

\_\_\_\_\_  
R. Ashby Armistead  
Assignor

STATE OF CALIFORNIA )

) ss.

County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of October, 1998, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

\_\_\_\_\_  
Notary Public for California  
My commission expires: \_\_\_\_\_

[SEAL]

Executed at Knoxville, Tennessee, this 14<sup>th</sup> day of December, 1998.

\_\_\_\_\_  
Robert L. Sargent  
Assignor

STATE OF TENNESSEE )

) ss.

County of Knox )

Before me this 14<sup>th</sup> day of <sup>November</sup> ~~October~~, 1998, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

\_\_\_\_\_  
Notary Public for Tennessee  
My commission expires: \_\_\_\_\_

[SEAL]

**My Commission Expires  
August 1, 2001**

Tod W. Hays  
Tod W. Hays  
Assignor

STATE OF TEXAS

County of TRAVIS

)  
) ss.  
)

Before me this 11 day of December, 1998, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

[SEAL]



C. Shwadel  
Notary Public for Texas  
My commission expires: 05-22-2002